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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>31583-212399 RK</b>
<b>INTERNATIONAL APPLICATION NO.</b> <b>PCT/DE03/02093</b>	<b>INTERNATIONAL FILING DATE</b> <b>24 June 2003</b>	<b>PRIORITY DATE CLAIMED</b> <b>27 June 2002</b>
<b>TITLE OF INVENTION</b> <b>METHOD FOR SMOOTHING AND POLISHING SURFACES BY TREATING THEM WITH ENERGETIC RADIATION</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Konrad WISSENBACH, Edgar WILLENBORG and Norbert PIRCH</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol> <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <b>PCT FORMS IB/304 and IB/308</b></li> </ol>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.6)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER																															
<b>10/519146</b>		<b>PCT/DE03/02093</b>		<b>31583-212399 RK</b>																															
21. The following fees are submitted:																																			
<input checked="" type="checkbox"/> a) Basic national fee ..... <b>\$300.00</b> <input checked="" type="checkbox"/> b) Examination fee ..... <b>\$200.00</b> <input checked="" type="checkbox"/> c) Search fee ..... <b>\$500.00</b>			<b>\$ 300.00</b> <b>\$ 200.00</b> <b>\$ 500.00</b> <b>\$ 1,000.00</b>																																
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>																																			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.																																			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																															
- 100 =	/50 =			<b>x \$250.00</b>																															
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="3">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td><b>16 - 20 =</b></td> <td>0</td> <td colspan="3"><b>x \$ 0.00</b></td> </tr> <tr> <td>Independent claims</td> <td><b>1 - 3 =</b></td> <td>0</td> <td colspan="3"><b>x \$ 0.00</b></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td colspan="3"><b>+</b></td> </tr> <tr> <td colspan="6" style="text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS = \$ 1,000.00</b></td> </tr> </tbody> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	<b>16 - 20 =</b>	0	<b>x \$ 0.00</b>			Independent claims	<b>1 - 3 =</b>	0	<b>x \$ 0.00</b>			MULTIPLE DEPENDENT CLAIM(s) (if applicable)			<b>+</b>			<b>TOTAL OF ABOVE CALCULATIONS = \$ 1,000.00</b>					
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$ .																																			
<b>SUBTOTAL = \$ 1,000.00</b>																																			
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																																			
<b>TOTAL NATIONAL FEE = \$ 1,000.00</b>																																			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property																																			
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a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.																																			
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>22-0261</b> in the amount of <b>\$ 1,000.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.																																			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>22-0261</b> . A duplicate copy of this sheet is enclosed.																																			
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																																			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																																			
SEND ALL CORRESPONDENCE TO: VENABLE LLP P.O. Box 34385 Washington, D.C. 20043-9998 Tel.: (202) 344-4000 Fax: (202) 344-8300																																			
SIGNATURE: <i>Robert Kinberg</i> <b>34,830</b> for <b>Robert Kinberg</b> <b>26,924</b> NAME <b>Robert Kinberg</b> REGISTRATION NO. <b>26,924</b> DATE <b>December 27, 2004</b>																																			
CUSTOMER NUMBER: <b>26694</b>																																			

**CERTIFICATION**

I, the undersigned, am a professional translator, fully competent to translate from German into English, and I declare hereby that the attached English rendition of the International Patent Application PCT/DE03/02093 entitled

**METHOD FOR SMOOTHING AND POLISHING SURFACES BY TREATING THEM WITH ENERGETIC RADIATION**

is a genuine translation, accurate in every particular, to the best of my ability and knowledge.



Michaela Nierhaus

Name: -----

Brabanterstr. 15

Address: -----

80805 Munich

-----  
Germany

Dec. 5, 2004

Date: -----

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Art Unit: Not Yet Assigned
<b>Konrad WISSENBACH et al.</b>	Examiner: Not Yet Assigned
International Appln: PCT/DE03/002093	Confirmation No.: Not Yet Assigned
U.S. Application No.: Not Yet Assigned	<b>Atty. Docket No.: 31583-212399 RK</b>
For: METHOD FOR SMOOTHING AND POLISHING SURFACES BY TREATING THEM WITH ENERGETIC RADIATION	Customer No.  <b>26694</b> <b>PATENT TRADEMARK OFFICE</b>

Submission of Formal Drawings

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are five (5) sheets of formal drawings containing Figs. 1-9.

Respectfully submitted,

Date: December 27, 2004

for C. A. Hagen (36,830)  
Robert Kinberg  
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RK/trt

DC2DOCS/607871